

WHAT IS CLAIMED IS:

Sub 21

5 1. A digital camera, having a normal image pickup mode in which images of an object are picked up one by one, a continuous image pickup mode in which images of an object are picked up continuously, a normally picked up image reproduction mode in which an image picked up in said normal image pickup mode is reproduced and a continuously picked up image reproduction mode in which an image picked up in said continuous image pickup mode is reproduced, comprising:

memory means for storing an image;

image display means for displaying an image;

10 first writing means for storing each image picked up in said normal image pickup mode in said memory means;

second writing means classifying into groups and storing in said memory means a plurality of images picked up in said continuous image pickup mode, session by session;

15 first selecting means for selecting, in said normally picked up image reproduction mode, a desired image among images stored in said memory means;

20 second selecting means for selecting, in said continuously picked up image reproduction mode, a desired image group among image groups stored in said memory means, and a desired image among a plurality of images belonging to the image group; and

first reading means for taking out the image selected by said first and second selecting means from said memory means and applying the image to said image display means.

2. The digital camera according to claim 1, wherein said second writing means forms a reduced image of each image and stores the reduced image together with each image to said memory means;

said digital camera further comprising

5 third selecting means for selecting, in said continuously picked up image reproduction mode, a predetermined number of reduced images

among reduced images of leading images of respective image groups stored in said memory means; and

10 second reading means for reading the prescribed number of reduced images selected by said third selecting means from said memory means, forming an image of one image plane from said predetermined number of reduced images, and applying the image to said image display means; wherein

15 said second selecting means selects said image group by selecting a desired reduced image from the predetermined number of reduced images displayed on said image display means.

3. The digital camera according to claim 1, having a continuous reproduction mode in which a plurality of images belonging to a selected image group are continuously reproduced, comprising

5 third reading means for taking, in said continuous reproduction mode, a plurality of images belonging to the image group selected by said second selecting means and continuously applying the images to said image display means.

4. The digital camera according to claim 1, having a moving mode for moving an image, comprising

5 moving means for extracting, in said moving mode, an image selected by said second selecting means from the image group to which the image belongs, and storing the extracted image to said storing means of same directory as with an image picked up in said normal pickup mode.

5. The digital camera according to claim 1, having a copy mode for copying an image, comprising

5 copying means for forming a copy image of an image selected by said second selecting means and storing the copied image in said memory means of the same directory as for an image picked up in said normal image pickup mode, in said copy mode.

6. The digital camera according to claim 1, having an image deletion mode for deleting an image, and an image group deletion mode for deleting an image group, comprising

5 first deletion means for deleting, in said image deletion mode, the image selected by said first and second selecting means among images stored in said memory means; and

second deletion means for deleting, in said image group deletion mode, an image group selected by said second selecting means, among image groups stored in said memory means.

Sub a2
7. A digital camera, having a normal image pickup mode in which images of an object is picked up one by one, and a continuous image pickup mode in which images of an object are picked up continuously, comprising:

5 memory means for storing an image; and
storing means for forming directories for storing files of picked up image data in said memory means, storing each of the images picked up in said normal image pickup mode in one of said directories, and classifying into groups and storing a plurality of images picked up in said continuous image pickup mode, session by session of continuous image pickup, in
10 another of the directories.

8. The digital camera according to claim 7, wherein said storing means includes

first writing means for writing each image picked up in said normal image pickup mode to one of said directories, and

5 second writing means for writing a plurality of images picked up in said continuous image pickup mode, classified into groups session by session of continuous image pickup, in said another directory.

9. The digital camera according to claim 7, having a normally picked up image reproduction mode for reproducing an image picked up in the normal image pickup mode, and a continuously picked up image reproduction mode for reproducing an image picked up in said continuous

5 image pickup mode, further comprising:

image display means for displaying an image;

first selecting means for selecting a desired image among images stored in said directory in said normally picked up image reproduction mode;

10 second selecting means for selecting a desired image group among image groups stored in said directory and a desired image among a plurality of images belonging to the image group, in said continuously picked up image reproduction mode; and

15 first reading means for taking an image selected by said first and second selecting means from said directory and applying to said image display means.

10. The digital camera according to claim 8, wherein said second writing means forms a reduced image of each image and stores the reduced image together with each image in said directory;

said digital camera further comprising

5 third selecting means for selecting a predetermined number of reduced images among reduced images of leading images of respective image groups stored in said directory, in said continuously picked up image reproduction mode; and

10 second reading means for reading from said directory, a predetermined number of reduced images selected by said third selecting means, forming an image of one image plane from said predetermined number of reduced images and applying to said image display means; wherein

15 said second selecting means selects said image group by selecting a desired reduced image from the predetermined number of reduced images displayed on said image display means.

11. The digital camera according to claim 9, having a continuous reproduction mode for continuously reproducing a plurality of images belonging to a selected image group,

5 said digital camera further comprising
third reading means for taking a plurality of images belonging to the
image group selected by said second selecting means from said directory
and continuously applying to said image display means in said continuous
reproduction mode.

12. The digital camera according to claim 8, having a moving mode
for moving an image, comprising

5 moving means for extracting the image selected by said second
selecting means from the image group to which the image belongs, and
storing the image in the same directory as for the image picked up in said
normal image pickup mode, in said moving mode.

13. The digital camera according to claim 8, having a copy mode for
copying an image, comprising

5 copying means for forming a copy image of an image selected by said
second selecting means and storing image in the same said directory as
with the image picked up in said normal image pickup mode, in said copy
mode.

14. The digital camera according to claim 8, having an image
deletion mode for deleting an image and an image group deletion mode for
deleting an image group, comprising

5 first deleting means for deleting an image selected by said first and
second selecting means among images stored in said directory, in said
image deletion mode, and

second deleting means for deleting the image group selected by said
second selecting means among image groups stored in said directory, in
said image group deletion mode.